

WHAT IS CLAIMED IS:

1. Cycle pants comprising:

5 a body portion having a waist opening, a crotch portion and a seat portion; and

a breathable cushion attached to an inside surface of said body portion and having a perineal portion covering said crotch portion and a buttocks portion covering said seat portion, said buttocks portion being wider than said perineal
10 portion and including two spaced apart lobes.

2. The cycle pants according to claim 1 wherein said breathable cushion comprises:

15 a base sheet having a circumference and a matrix of openings therethrough:

a cover sheet having a matrix of openings aligned with a matrix of base sheet openings and sealed to said base sheet along the base sheet periphery; and

20 a gel disposed between the base and cover sheets, said gel being continuous between the base sheet and cover sheet openings, said cover sheet being sealed to said base sheet around each of the base sheet openings to form a matrix of pockets, each pocket surrounding a base sheet and cover sheet opening; and

25 means for facilitating bending of the cushion in order to conform the cushion to a curvilinear surface, said means including alignment of the pockets with one another.

3. The cycle pants according to claim 2 wherein the means for facilitating bending of the cushion comprises rectilinear alignment of said pockets.

5 4. The cycle pants according to claim 3 wherein each pocket has a circular perimeter.

5. The cycle pants according to claim 1 wherein said breathable cushion comprises:

10 a base sheet having a circumference and a matrix of openings therethrough;

a cover sheet having a rectilinear matrix of openings aligned with the matrix of base sheet openings and sealed to said base sheet along the base sheet periphery; and

15 a gel disposed between the base and cover sheets, said gel being continuous between the base sheet and cover sheet openings, said cover sheet being sealed to said base sheet around each of the base sheet openings to form a matrix of pockets, each pocket surrounding a base sheet and cover
20 sheet opening and having a generally square cross-section; and

means for facilitating bending of the cushion in order to conform the cushion to a curvilinear surface, said means including alignment of diagonals of each of the square cross-sectional pockets aligned with one another.

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6. The cushion according to claim 5 wherein each pocket has a width, measured along the pocket diagonal, greater than a distance between adjacent pockets measured along pocket diagonals in order to alter cushion resiliency.

7. Cycle shorts comprising:

a body portion having a waist opening, a crotch portion and a seat portion; and

5 a breathable cushion attached to an inside surface of said body portion and having a perineal portion covering said crotch portion and a buttocks portion covering said seat portion, said buttocks portion being wider than said perineal portion, said breathable cushion comprising:

10 a base sheet having a circumference and a matrix of openings therethrough;

a cover sheet having a matrix of openings aligned with the matrix of base sheet openings and sealed to said base sheet along the base sheet periphery;

15 a gel disposed between the base and cover sheets, said gel being continuous between the base sheet and cover sheet openings, said cover sheet being sealed to said base sheet around each of the base sheet openings to form a matrix of pockets, each pocket surrounding a
20 base sheet and cover sheet openings; and

means for facilitating bending of the cushion in order to conform the cushion to a curvilinear surface, said means including alignment of pockets with one another.

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8. The cycle shorts according to claim 7 wherein the means for facilitating bending of the cushion comprises rectilinear alignment of said pockets.

9. The cycle shorts according to claim 8 wherein each pocket has a circular perimeter.

10. The cycle shorts according to claim 7 wherein said
5 buttocks portion comprises two spaced apart lobes.

11. Cycle shorts comprising:

a body portion having a waist opening, a crotch
portion and a seat portion; and

10 a breathable cushion attached to an inside surface
of said body portion and having a buttocks portion covering
said seat portion, said breathable cushion comprising:

a base sheet having a circumference and a
matrix of openings therethrough;

15 a cover sheet having a matrix of openings
aligned with the matrix of base sheet openings and sealed
to said base sheet along the base sheet periphery;

a gel disposed between the base and cover
sheets, said gel being continuous between the base sheet
20 and cover sheet openings, said cover sheet being sealed
to said base sheet around each of the base sheet openings
to form a matrix of pockets, each pocket surrounding a
base sheet and cover sheet openings;

25 means for facilitating bending of the
cushion in order to conform the cushion to a curvilinear
surface, said means including alignment of pockets with
one another.

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12. The cycle shorts according to claim 11 wherein the means for facilitating bending of the cushion comprises rectilinear alignment of said pockets.

5 13. The cycle shorts according to claim 12 wherein each pocket has a circular perimeter.

14. The cycle shorts according to claim 11 wherein said buttocks portion comprises two spaced apart lobes.

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